



**Product** 64744

**Number:**

**Order** MCP100/C/U/MED/830 PB

**Abbreviation:**

**General** 100W high CRI, reduced color shift, high performance, open fixture  
**Description:** rated metal halide lamp, ceramic arc tube, coated, universal burn.

#### Product Information

Abbrev. With Packaging Info.	MCP100CUMED830 PB 12/CS 1/SKU
ANSI Code	C90/O:C140/O
ANSI Code 2	C90/O, C140/O
Approx. Lumens (initial - horizontal)	8100
Approx. Lumens (initial - vertical)	8100
Approx. Lumens (mean - horizontal)	5100
Approx. Lumens (mean - vertical)	5100
Arc Length (in)	0.311
Arc Length (mm)	7.9
Average Rated Life - Horizontal (hr)	20000
Average Rated Life - (hr)	20000
Average Rated Life - Horizontal 2 (hr)	20000
Avg Rated Life (hrs)	20000
Base	E26 Medium
Bulb	ED17
Color Rendering Index (CRI)	88
Color Temperature/CCT (K)	3000
Diameter (in)	2.126
Diameter (mm)	54.00
Family Brand Name	Metalarc® Ceramic
Fixture Requirement	O
Hot Restrike Time (min)	4-6
Lamp Finish	Coated
Light Center Length - LCL (in)	3.39
Light Center Length - LCL (mm)	86
Maximum Base Temperature - Fahrenheit	410
Maximum Base Temperature - Celsius	210
Maximum Bulb Temperature - Fahrenheit	752
Maximum Bulb Temperature - Celsius	400
Maximum Overall Length - MOL (in)	5.43

Maximum Overall Length - MOL (mm)	138
Nominal Voltage (V)	100.00
Nominal Wattage (W)	100.00
Operating Position	Universal
Warm-up Time (min)	2-4



#### Footnotes

- Consult your OSRAM SYLVANIA Lighting Representative for compatible electronic operating systems.
- Use with 4000V pulse rated sockets only.
- O = Lamps classified as O-type, comply with ANSI standard C78.389 for containment testing and may be used in open luminaries. See lamp warning.
- Lamps may be operated on ANSI M140 Compliant Ballast.
- UV-Stop quartz
- Approved electronic ballast is required, view approved ballast list in Product documents, graphs and images.